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[DataVault X4 Multi-Network Secure Computer]

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Abstract

This system is a dual computer system with two or more separate network domains built in a custom secure computer case with lockable front and back covers, incorporating two totally separate (CPU), motherboards, (RAM), hard drives, floppy drives, (CD-ROM) drives, monitors, a secure removable hard drive, an electromechanical key-lock/switch for power-on and access control, two separate color coded reset buttons, a Smart Card.RTM. reader/writer which will verify the user identity through an entered (PIN) for accessing the classified network domain and an external electronic switch for switching video, keyboard, mouse signals for each network domain. Upon powering up the computer with the secured access control key the computer will power-up both secure domains however, only the first secure domain will be accessible. The classified domain can be accessed within one second where a (PIN) will be required through the Smart Card.RTM. reader/writer for user access control which guarantees user access control.

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